

## July Meetings

### Dates & Times:

Matinee, 2:30, Wednesday, July 12  
Evenings, 8:00 p.m., Wednesday and Thursday, July 12 and 13

### Place:

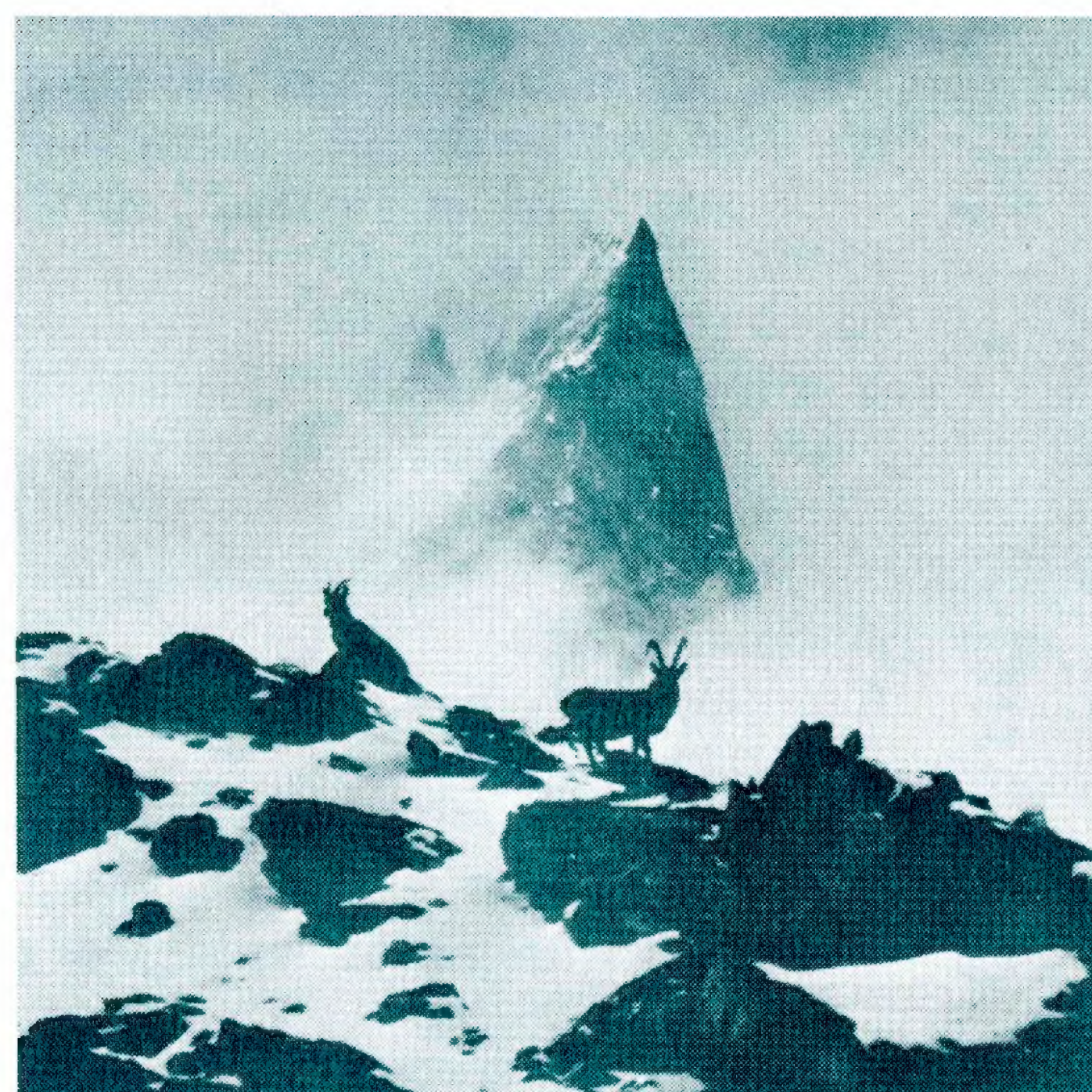
May Treat Morrison Auditorium

### Speaker:

Galen Rowell

### Subject:

"K2, Kashmir and the Karakoram Himalaya"



**Siberian Ibex above Baltoro Glacier**

Once again the Academy is pleased to welcome Galen Rowell, internationally known writer, photographer and mountaineer, who will show us three contrasting expeditions to Kashmir, nearly a thousand miles west of the more familiar Nepal Himalaya. First comes an attempt to climb K2, the world's second highest mountain, by a new route in 1975, then a commercial expedition, the highest in American history, which placed several clients on the 23,410-foot summit of Nun Kun, the highest Himalayan summit along 400 miles of the crest

in Pakistan and India. Finally scenes from a fast and light alpine-style first ascent of the Great Trango Tower, a 20,650-foot pinnacle of granite and ice near K2.

This new slide lecture by Galen Rowell takes us not only into the high altitude world of the mountaineer, but also through the fabulous beauty of lowland scenery, the simple life of mountain people and the exotic wildlife of the Himalaya. The three ventures contrast big expeditions with small ones, guided trips with private ones, and climbing with Sherpas versus climbing alone.

As usual, your membership card admits you through the main entrance at Cowell Hall, and now that the Academy is open until 9 every evening, you may use the rear entrance off East Middle Drive into the Wattis Hall of Man. Parking is available in this area also.

For all three presentations, you will be asked to present your membership card at the auditorium door.

## Special Exhibits



**Chimu Mummy Mask (800-1470 AD)**

**Peru's Golden Treasures**, the largest collection of Inca and pre-Inca gold artifacts ever to tour the U.S. is the current highlight at the California Academy of Sciences. If you missed the members' previews last

month of this spectacular exhibit, why not plan an evening outing to the Academy; remember we are open until 9 p.m. every day through Labor Day.

This collection is on loan from the Museo Oro del Peru in Lima and features over 200 works of art used by the ruling classes of five ancient Peruvian cultures. Members are, of course, admitted free of charge. If you are bringing a guest who is not a member, go directly to the membership desk near the entrance to Lovell White Hall and **Peru's Golden Treasures** where you may purchase a ticket (or tickets) and go through your own Members' Express Entrance.

A catalogue, exhibition poster, a host of books on Peru plus many related items will be for sale at the Museum Book Shop in Cowell Hall and at a special sales desk located at the exit of **Peru's Golden Treasures**.

Complementary exhibits on Peru include, **Peruvian Textiles: A Weaver's Art** featuring superb examples of ancient weaving techniques, and **Peru's Natural Heritage**, a display of skins and casts of animals and birds indigenous to Peru, minerals from the land of the Incas, and selected pieces from the Wattis Collection of Nazca Pottery on loan from the Lowie Museum in Berkeley. Right around the corner is an exhibit on **The Lines of the Nazca Plains** which explores the fascinating and as yet unproven theories about the mysterious drawings on the desert floor of the Nazca region of Peru.

In the Atholl-McBean Gallery is the continuing exhibit of photographs by **A. C. Vroman: "Shadow Catcher"**, a collection of over 50 turn-of-the-century photographs of the Indians of the American Southwest taken between 1895 and 1904.

July is the last month for **Nature Nearby**, a look at the lovely mini-wilderness areas which make up the East Bay Regional Park District. Photos are by Luther Linkhart. In Lower Cowell Hall Gallery.



## Living Arts

Here are more South American programs this month:

### Festivals of Lake Titicaca

Wednesday through Sunday  
July 5-9

Dr. Katherine Julien will speak about the Lady of the Lake Patron Saint festivals of two villages on Lake Titicaca with her slides and recorded music. Dr. Julien, who participated as a dancer in one of the festivals, will explain the various meanings which these festivals have for the dancers and point out the differences between the festivals of the Peruvian and Bolivian villages. This presentation will be given at 1:30 and 3:00 each day.

### Bolivian Weaving

Wednesday through Sunday  
July 12-16

Jonathan Hill, one of the leading collectors of Andean textiles, will speak on contemporary Bolivian textiles. With slides and pieces from his collection, Mr. Hill will compare the living tradition of Bolivian weaving to the ancient tradition of weaving in Peru. This presentation will be given at 1:30 and 3:00 each day.

### Peruvian Ceramics

Thursday and Sunday  
July 20 and 23

Janet Lohr, a ceramist who specializes in native North and South American pottery techniques, will present a lecture demonstration about Peruvian ceramics of the Recuay, Chimu and Chancay styles. This presentation will be given at 1:30 and 3:00 with a demonstration of these ceramic techniques during the intermission. Note: This presentation is on Thursday and Sunday only.

All Living Arts Programs this month take place in the Wattis Hall of Man.

## Morrison Planetarium

Take a trip to the edge of the universe in the current planetarium sky show entitled, **The Whisper of Infinity**. This summer you can see **The Whisper of Infinity** every day of the week at 12:30, 2:00 or 3:30, and each Wednesday and Thursday evening at 7:30. In addition to the regular planetarium program, **Exploring the Skies of the Season** can be seen each Saturday and Sunday morning at 11:00.

## Laserium

**Laserium I and II**, the popular laser light concerts shown in Morrison Planetarium can be seen every day this summer, except Wednesday and Thursday at the following times:

### Laserium I:

9:00 p.m. on Friday, Saturday, Sunday, Monday and Tuesday

### Laserium II:

5:00 and 7:30 on Sunday, Monday and Tuesday and at 5:00, 7:30 and 10:30 on Friday and Saturday.

Tickets are available through all BASS outlets. Members are reminded that this is **not** a regular planetarium show **nor** are your membership passes usable for this attraction. Call 752-4264 for further information.

## Inside the Academy

### Ivory Treasure from the Sea

One of the most exciting phone calls placed to the Academy recently was answered by Dr. John McCosker, Director of Steinhart Aquarium. On the other end was Mrs. Blanche Matthias asking Dr. McCosker if the Academy would be interested in receiving a unicorn horn.

The answer was an emphatic "Yes!"

The five-foot, 35 pound ivory tusk from this legendary animal is, in fact, the tooth from a narwhal, an arctic cetacean. The legend

of the horse-like unicorn could well have been inspired by this strange whale. Only the male members of the narwhal population possess the spiraling tusk which grows from six to eight feet long at maturity. It is actually an overgrown tooth, the only tooth the animal has and its purpose is not clear; perhaps it is used in battle with other males? Or, could it be appealing to a pretty lady narwhal?

At the moment this beautiful addition rests in the Academy's collection. It will go on public display in the near future.

## Education and Travel Notes

### Highlights of Astronomy

Thursdays, July 13, 20 and 27

Dr. Lee Simon instructs this short three session course on astronomy and explores such questions as the position of the earth in the cosmic scheme of things, is the universe expanding, will the sun expand to swallow the universe? The cost of this overview course is \$10 for individuals and \$20 for the entire family.

### Andean Dance

Mondays, July 10-August 21  
7:30 p.m.

Raquel De Knust, leader of the Mitmacs, will teach traditional Andean folk dances for six weeks with the assistance of dance specialists. During the final week, you will perform your new art to live music! Families are encouraged to participate in this class which is limited to 20 members. \$15/individuals; \$35/families.

### Weaving Techniques of Ancient Peruvian Textiles

Tuesdays, July 11-August 22  
7:30 p.m.

Deborah Corsini will instruct class participants to make seven samples of the different kinds of ancient weaving techniques used in the Peruvian textiles now on display at the Academy. Small frame looms will be provided for each person. This class is especially suited for families and beginning



weavers and is limited to 30 members. \$15/individuals; \$35/families, plus materials (approximately \$10).

### **The Visible Universe**

Thursdays, August 3-24  
7:30-9:30 p.m.

View the constellations and planets of the various seasons as seen from San Francisco and other latitudes on Earth, and learn how to use a star finder in this class taught by Michael Bennett. The yearly motions of the moon, tides, sun and planets complete this fascinating look at our visible universe. \$15/individual; \$25/family.

If you would like to register for any of these classes, write or call the Education Office at the Academy at 221-4214, Ext. 211. The mailing address is California Academy of Sciences, Golden Gate Park, San Francisco 94118.

There are still spaces on three river trips:

### **Stanislaus River**

July 16 and 17

An exciting two-day run down the Stanislaus, includes meals from lunch on Sunday through lunch on Monday. Limited to 25 members, age 7 and older. \$90 per person.

### **Rogue River**

July 29-August 2

These five days of river touring include one "leisure" day for hiking or whatever appeals to you. Experienced boatmen will guide the rafts and cook the meals from lunch on Wednesday. The price is \$270 per person and includes a pre-trip and a post-trip night in a motel. Transportation to and from Grants Pass is not included. Limited to 20 members, age 7 and older.

### **Salmon River**

August 6-11

Ride the "River of No Return" through a canyon deeper than the Grand. This big

river flows through the Idaho Primitive Area which encompasses four different national forests. Experienced boatmen will act as guides and cooks, and we will camp under the open sky. The price is \$395 per person, including air shuttle from Boise, Idaho to the "put-in" on the river, and pre and post-trip nights in a motel. The price does not include transportation to Boise.

If you are a "river-rider" call the Travel Office at the Academy at 221-4214, or write California Academy of Sciences, Golden Gate Park, San Francisco, Ca. 94118.

### **Southwest Pueblo Country**

July 28 to August 6

The history and anthropology mix of this tour with the guidance and expertise of Dr. Dorothy Washburn should provide a delightful 10 days for the traveler. The ancient ruins in Chaco Canyon, cliff dwellings in beautiful Mesa Verde National Park, a ride from Durango to Silverton on the narrow gauge railroad are a few of the trip's special features. The Corn Dance at Santo Domingo Pueblo will be the climax of a wonderfully informative and enjoyable trip. For the itinerary, call the Travel Office 221-5100.

### **Venezuela, Trinidad, Tobago and Surinam**

October 22-November 9

Dr. Edward Ross will lead this unusual trip to the rain-forested area of Angel Falls and interior nature preserves of Surinam, with a unique stop at the caves in Trinidad frequented by the Oilbirds, the subject of a National Geographic article by Dr. Ross.

### **Lindblad Antarctic Cruising Expedition**

November 29-December 29, 1978

Sixteen spaces are reserved for Academy members on this over-Christmas cruise to Antarctica. Flying from San Francisco November 29, the group will have a three day visit to Lima, to see that part of the Purvian Gold collection of St. Miguel Mujica Gallo which was not exhibited at the Acad-

emy this summer. The Larco Herrera Museum, and National Museums, as well as pre-Columbian ruins of Pachacamac will be among the excursions in and around Lima.

The Lindblad Explorer will be boarded at Puerto Montt, Chile on December 3. At Puerto Natales there will be a full day excursion to Mylodon Cave and Payne National Park. The cruise throughout the Fuegan Archipelago from the Pacific to the Atlantic side of South America will take two days. Four days will be spent visiting the wonderful wildlife islands in the Falkland Archipelago. In Antarctica the ship is expected to visit Hope Bay, King George Island, Deception Island, Port Lockroy, Anvers Islands, Argentine Islands and Paradise Bay. The cruise will terminate at Ushuaia, Argentina and the group will return to San Francisco via Buenos Aires, arriving Friday, December 29. The cruise, including all land arrangements and excursions is priced from \$4,680 to \$5,640, Twin Room, with air fare extra. Call the Travel Office at the Academy for information and reservations at 221-5100.

Expeditions for Academy members in 1979 will be announced in detail in the September-October issue of **Pacific Discovery**. Many popular trips will be repeated including the **West Coast of Baja California**, from Feb. 4-12, **Sea of Cortez, Baja California Overland, Guatemala, East Africa, Australia and New Guinea**. Since island travel is fascinating, members will again be given the opportunity to visit the **Islands of Scotland and Galapagos**.

More information on these adventures will be given in upcoming issues of "Newsletter" and **Pacific Discovery**.

### **Advance Notice of Monthly Meeting:**

August 9 and 10 — Dr. Christopher Donnan on "The Moche: Ancient Peru's Master Craftsmen"



# New Members of the Academy

## Regular Members

Ms. Nancy Albright  
Mr. James G. Alpert  
Miss Anita Andrews  
Mr. & Mrs. Louis Arlie  
Ms. Assaad Barazi  
Miss Muriel Berringer  
Miss Sharon Bohn  
Mr. & Mrs. Calvin Bohner  
Mr. Edward R. Borges  
Miss Mary Ellen Bramble  
Miss Marianne E. Brunette  
Mrs. Sylvia A. Bunshoft  
Mr. Paul Burke  
Mr. & Mrs. Frank Burney  
Ms. Marianne Cane  
Miss Nina Capik  
Mr. Richard Castile  
Miss Laura Chaney  
Mr. Norman Chong  
Mr. Karl M. Churchill  
Mrs. Barbara Cipriano  
Mr. George L. Clark  
Mrs. Joan Cole  
Mr. Raymond P. Collins  
Ken & Kathy Correia  
Dr. Paul W. Crookes  
Mr. & Mrs. John Csongradi  
Mr. & Mrs. Abe Cuckovich  
Ms. Theresa A. Cumbelich  
Mr. John B. Cummings  
Mrs. Donald D. Cunningham  
Dr. Charles B. Drake  
Mr. Brian Davis  
The G. W. Davis Family  
Miss Sandra H. Debenham  
Dr. & Mrs. W. Bradford Delong  
Mrs. Gail G. Dent  
Dr. & Mrs. Mayhew Derryberry  
Miss Anna N. De Tore  
John Belton & Karma Dewitt  
Mrs. Carol L. Dienger  
Mr. Solomon Dubin  
Mrs. Janet A. Eddleman  
Mr. & Mrs. Donald L. Edgar  
Mr. John P. Elliott  
Mr. Robert Failing  
Mr. David Feldman  
Dr. & Mrs. A. A. Fitzloff  
Mr. Robert Giusti  
Mr. Alan Glaberson  
Miss Betty Graeber  
Mr. & Mrs. Dan Greenough  
Mr. & Mrs. Anthony Groshong  
Mr. Robert Grove  
Mr. Albert J. Haber  
Dr. Charles W. Hanford  
Ms. Elise Hardy  
Miss Mary D. Hart  
Dr. Robert L. Hassur  
Mr. Howard Hebel  
Mr. & Mrs. Arthur S. Hecht  
Mr. & Mrs. Robert Helseth  
Ms. Carole Hewitt  
Miss Janet L. Hopson  
Mrs. Nancy C. Ise  
Mr. Daniel L. Isola  
Mr. Lee Scott Jacobson  
Mr. Charles W. Johnson  
Dr. Edwin T. Johnson  
Mr. Keith L. Johnson  
Mr. Edward W. Jose  
Mr. & Mrs. Harold Kaufman  
Mr. Charles T. Kelley  
Mr. John P. Kelly  
Ms. Edi King  
Mr. James Knerl  
Mr. Charles L. Knowlton  
Ms. Beverly N. Kraai  
Miss Loretta M. Kuriscak  
Mr. Wayne La Rochelle  
Mr. Nicholas Lawrence  
Mr. Frank Leach  
Dr. Ronald C. Lee  
Mr. David Legge  
Mr. Peter Leimanis  
Mr. & Mrs. Ivaldo Lenci  
Mr. & Mrs. Erik Lerche  
Miss Charlotte Levine

Mr. & Mrs. John Link  
Mr. William H. Lubkeman  
Mr. D. Madfes  
Mr. Clark Magruder  
Mr. John Manferdelli  
Miss Mary-Louise Mann  
Ms. Jane Marcus  
Mr. Raymond L. Mark  
Mr. Steve Ken Matsumura  
DPat Mattie  
Mrs. Mariem H. Vidal Meschi  
Mrs. Robert Michael  
Miss Maryann Mitchell  
Mr. Howard Mizuhara  
Mrs. Marybeth Morgan  
Mr. Stephen E. Mowry  
Mr. Joseph B. Mucelli  
Mr. Robert M. Mullarkey  
Miss J. Patricia McCarthy  
Mr. & Mrs. James McCulloch  
Mr. & Mrs. James M. McGinty  
Mr. & Mrs. Dennis Newcom  
Ms. Judy Nortz  
Dr. Leonard D. Offield  
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Dr. & Mrs. K. Passamaneck  
Mr. G. A. Paxman  
Dr. & Mrs. Robert Pipkin  
The Quinn Family  
Mr. Larry Quirollo  
Mr. James Harrison Ray  
Mrs. George Rider  
Ms. Mary M. Rose  
Mrs. Peggy Rosenberg  
Mr. Judah Rosenwald  
Mr. Jon Sauer  
Miss Patricia Shannon  
Sister M. Claudine  
Mr. Noel Slakey  
Mr. William H. M. Smith  
Mr. Lynn Snider  
Miss Nelda Soderblom  
Mr. & Mrs. D. C. Sonnichsen  
Miss Sarah Staats  
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Mr. & Mrs. Andrew J. Szabo  
Miss Ethel J. Taylor  
Mr. Richard Tom  
Mr. Jim Tomich  
Miss Carlene R. Tonini  
Miss Helen Faith Twichell  
Mr. Roger John Unna  
Ms. Daisy Uyeda  
Mr. Peter R. Voll  
Mr. John J. Vollmer  
Mrs. Virginia B. Welch  
Mr. Marlin S. Werner  
Ms. Hope White  
Mr. William I. White, Jr.  
Mrs. Jo Williams  
Mr. John H. Wilson, Jr.  
Mr. Alan Woldman  
Ms. Deborah R. Wolfe  
Miss May L. Wong  
Mr. John Wu  
Mr. John G. Yee  
Miss Doris Young  
Mr. Joseph Zukin, Jr.

## Contributing Members

Dr. William H. Bremer  
Mrs. Milton Bulkeley  
Dr. Paul A. Carlson  
Mr. & Mrs. T. B. Curren  
Mr. Stewart K. Flynn  
Ms. Karen Ho  
Mr. Robert Koons  
Mr. Rolf G. Kvalvik  
Mr. Robert E. Matonti  
Mr. & Mrs. Stanley Nowak  
Mr. Joseph Olliger  
Dr. Charles S. Rand  
Mr. William B. Scott  
Miss Becky Stilwell  
Mr. & Mrs. Raymond R. Sullivan

## Sustaining Member

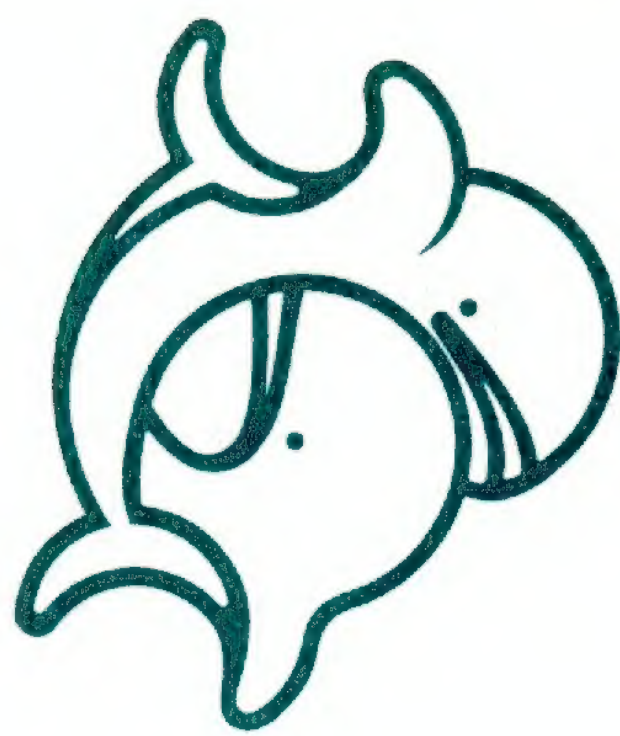
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